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(FILE 'USPAT' ENTERED AT 13:28:02 ON 21 NOV 96)

L1 463 S (DEDICATED (3A) INTERFACE#)
L2 302015 S (I O) OR (INPUT OUTPUT) OR PERIPHERAL#
L3 333 S L1 AND L2
L4 104 S L1 (P) L2
L5 32642 S 395/CLAS
L6 42 S L4 AND L5
L7 45 S L1 (7A) L2
L8 19 S L5 AND L7
L9 35 S L1 (5A) L2
L10 13 S L5 AND L9
L11 7531 S (API OR (APPLICATION PROGRAM? INTERFACE#))
L12 3 S L7 (5A) TYPE#
L13 2 S L4 AND L11
L14 5 S L3 AND L11

US PAT NO:

5,463,772 [IMAGE AVAILABLE]

L13: 2 of 2

TITLE:

Transparent peripheral file systems with on-board
compression, decompression, and space management

SUMMARY:

BSUM(17)

Historically, . . . programs interacted with the operating system, which after due processing gave tasks to software drivers that in turn communicated with **interface** cards **dedicated** to the particular **peripheral**. A cable conveyed the final low-level hardware commands to a controller in the **peripheral**. As the various enhancements, such as buffered **I**/**O**, interrupt driven **I**/**O**, DMA, and caching were developed to improve performance, corresponding changes were incorporated into the operating system, as well as into. . . the other software systems using those enhancements. In this way the range of capabilities and the degree of performance of **peripheral** mass storage subsystems were both increased and optimized.

DETDESC:

DETD(104)

SFSX is the SFS translator--it maintains the vfs operations interface (or **API**) to VFS. When a request comes down from VFS, SFSX will translate from the vnode to file handle domain, and. . .

DETDESC:

DETD(110)

This is the SFS pass-thru code layer. This layer is extremely host dependent. It is basically an **API** for SFSD that will communicate with the host's SCSI driver to pass the SFSD requests to the TPFS. Typically, each. . .

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US PAT NO: 4,821,170 [IMAGE AVAILABLE] L12: 1 of 3
TITLE: Input/output system for multiprocessors

SUMMARY:

BSUM(10)

Another . . . been widely accepted as standards. With the proliferation of peripheral device types, it is no longer feasible to construct a ****dedicated**** ****interface**** for each ****type**** or brand of ****peripheral**** device, each with its unique requirements and characteristics. This is particularly true at the growing "low end" of the computer. . .

US PAT NO: 4,280,285 [IMAGE AVAILABLE] L12: 2 of 3
TITLE: .Simulator complex data transmission system having self-testing capabilities

DETDESC:

DETD(367)

The . . . the same I/O control section as an output SIC but different conversion circuitry for input data. SIC's which are not ****dedicated**** to a single ****interface**** signal ****type**** will contain the same basic ****I**/**O**** section along with both input and output storage and conversion circuitry.

US PAT NO: 4,207,687 [IMAGE AVAILABLE] L12: 3 of 3
TITLE: Simulator complex data transmission method and system

DETDESC:

DETD(367)

The . . . the same I/O control section as an output SIC but different conversion circuitry for input data. SIC's which are not ****dedicated**** to a single ****interface**** signal ****type**** will contain the same basic ****I**/**O**** section along with both input and output storage and conversion circuitry.

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=> d 11 1-36 ti,kwic

US PAT NO: 5,574,904 [IMAGE AVAILABLE] L1: 1 of 36
TITLE: Database management system in an intelligent network using
a common request data format

DETDESC:

DETD(84)

Also, . . . above, APIP 22 is provided between the database and a plurality of application programs 17 and processing request command between ****respective**** modules of ****application**** ****program**** ****interface**** platform 22 and application program 17 is performed by using common data format among a plurality of application programs. Therefore, . . .

US PAT NO: ✓ 5,572,675 [IMAGE AVAILABLE] L1: 2 of 36
TITLE: Application program interface

SUMMARY:

BSUM(8)

Accordingly, the object of the invention is to implement an ****application**** ****program**** ****interface**** which enables ****different**** PC application programs to be adapted to an integrated services digital network, the application programs being generally independent of the. .

US PAT NO: 5,566,337 [IMAGE AVAILABLE] L1: 3 of 36
TITLE: Method and apparatus for distributing events in an
operating system

DETDESC:

DETD(60)

Sequential Consumers have very ****different**** requirements tier their ****API****. Since they serve as a bottleneck for the transmission of events, their API should be designed for maximum throughput; and. . .

US PAT NO: 5,553,235 [IMAGE AVAILABLE] L1: 4 of 36
TITLE: System and method for maintaining performance data in a
data processing system

DETDESC:

DETD(463)

The RSi interface ****API**** has two distinctly ****different**** ways of operation. This section describes the RSi "request-response" protocol which sends a single request to xmsservd and waits for. . .

US PAT NO: 5,537,466 [IMAGE AVAILABLE] L1: 5 of 36
TITLE: Intelligent communications networks

DETDESC:

DETD(3)

The SLEE 10 comprises a ****respective**** ****Application**** ****Programming**** ****Interface**** (****API****) process, 11a to 1n, for each of a plurality of Application Instances (constituting service defining means of the present invention),. . .

US PAT NO: 5,535,375 [IMAGE AVAILABLE] L1: 6 of 36
TITLE: File manager for files shared by heterogeneous clients

DETDESC:

DETD(51)

According . . . The data format for the common API is described above. The command formats for the major commands of the common ****API**** followed by the ****respective**** return formats are as follows:

US PAT NO: 5,530,742 [IMAGE AVAILABLE] L1: 7 of 36
TITLE: Intelligent communications networks

DETDESC:

DETD(3)

The SLEE 10 comprises a ****respective**** ****Application**** ****Programming**** ****Interface**** (****API****) process, 11a to 11n, for each of a plurality of Application Instances (constituting service defining means of the present invention),. . .

US PAT NO: 5,515,492 [IMAGE AVAILABLE] L1: 8 of 36
TITLE: User interface between a server and workstations of a transactional processing system

DETDESC:

DETD(80)

The . . . module furnishes a well-defined service set to the actor, processes and preserves the useful data locally, and calls the appropriate, ****respective**** client ****application**** ****programming**** ****interfaces**** (241-244) to furnish the desired service.

US PAT NO: 5,506,955 [IMAGE AVAILABLE] L1: 9 of 36
TITLE: System and method for monitoring and optimizing performance in a data processing system

DETDESC:

DETD(501)

The RSi interface ****API**** has two distinctly ****different**** ways of operation. This section describes the RSi "request-response" protocol which sends a single request to xmsservd and waits for. . .

US PAT NO: 5,491,813 [IMAGE AVAILABLE] L1: 10 of 36

TITLE: Display subsystem architecture for binding device
independent drivers together into a bound driver for
controlling a particular display device

DETDESC:

DETD(3)

Applications 51, 52, 53 all utilize specific independent graphics drawing routine packages 56, 57, 58 (graphics packages, or packages) which embody ****different**** graphical models. The ****application**** ****programming**** ****interfaces**** of these packages (APIs) implement their respective graphics models by calls to the Graphics Adapter Interface (GAI) 60, which incorporates. . .

US PAT NO: 5,491,693 [IMAGE AVAILABLE] L1: 11 of 36
TITLE: General transport layer gateway for heterogeneous networks

SUMMARY:

BSUM(1)

This . . . in a network to communicate with a second application program running at another node in the network even where the ****application**** ****programming**** ****interface**** (****API****) assumes a ****different**** set of transport functions than those supported by the transport provider. In particular, it relates to a method for establishing. . .

US PAT NO: 5,483,468 [IMAGE AVAILABLE] L1: 12 of 36
TITLE: System and method for concurrent recording and displaying
of system performance data

DETDESC:

DETD(438)

The RSi interface ****API**** has two distinctly ****different**** ways of operation. This section describes the RSi "request-response" protocol which sends a single request to xmservd and waits for. . .

US PAT NO: 5,441,523 [IMAGE AVAILABLE] L1: 13 of 36
TITLE: Forced atrioventricular synchrony dual chamber pacemaker

DETDESC:

DETD(38)

The following examples illustrate a range of ****API**** values for ****different**** sets of programmed intervals (for clarity, a constant AV delay is used):

US PAT NO: 5,432,932 [IMAGE AVAILABLE] L1: 14 of 36
TITLE: System and method for dynamically controlling remote
processes from a performance monitor

DETDESC:

DETD(536)

The RSi interface ****API**** has two distinctly ****different**** ways of operation. This section describes the RSi "request-response" protocol which sends a single request to xmserverd and waits for. . .

US PAT NO: 5,430,836 [IMAGE AVAILABLE] L1: 15 of 36
TITLE: Application control module for common user access
interface

SUMMARY:

BSUM(12)

In . . . historically been disjoint. Each of the GUI and database management systems of an operating environment are defined through separate and ****distinct**** ****API**** and data structures. In order to utilize both the GUI and database management systems, an application must contain code that. . .

US PAT NO: 5,425,028 [IMAGE AVAILABLE] L1: 16 of 36
TITLE: Protocol selection and address resolution for programs
running in heterogeneous networks

SUMMARY:

BSUM(1)

This . . . in a network to communicate with a second application program running at another node in the network even where the ****application**** ****programming**** ****interface**** (****API****) assumes a ****different**** set of transport functions than those supported by the transport provider. In particular, it relates to a method for establishing. . .

DETD(DESC):

DETD(13)

In . . . 39 supporting programs identified by "ports" 45. As discussed above, each of these different application programs was written for a ****different**** ****API**** and, therefore, each has different addressing formats and identifiers. Likewise, the users have different addressing formats and identifiers.

US PAT NO: 5,424,959 [IMAGE AVAILABLE] L1: 17 of 36
TITLE: Interpretation of fluorescence fingerprints of crude oils
and other hydrocarbon mixtures using neural networks

DETD(DESC):

DETD(3)

With . . . method of significantly improving spectral pattern recognition is essential. For example, in the initial study of ten crude oils of ****different**** ****API**** gravities, it was found that the region of maximum fluorescence emission can classify the oil type. However, the rule cannot. . .

US PAT NO:

5,421,013 [IMAGE AVAILABLE]

L1: 18 of 36

TITLE:

Agent-based multithreading application programming
interface

SUMMARY:

BSUM(6)

An application program written for a specific application programming interface cannot be ported to another platform with a ****different**** ****application**** ****programming**** ****interface**** without replacing all of the system calls for the original application programming interface. It takes a programmer additional time to. . . After the system calls are replaced, the application program is recompiled. It will then run on the platform with the ****different**** ****application**** ****programming**** ****interface****. However, after the changes are made, the application program will then have the user interface look and feel of the. . .

SUMMARY:

BSUM(8)

In . . . result, the code for message passing must be modified when an application program is ported to a platform with a ****different**** ****application**** ****programming**** ****interface****. It takes the programmer additional time to replace the message passing code.

SUMMARY:

BSUM(20)

Furthermore, . . . application program running on one platform to communicate with an agency application program running on a different platform with a ****different**** ****application**** ****programming**** ****interface****. For example, an agency application program running on a platform with Windows.TM. could communicate with an agency application program running. . .

US PAT NO:

5,371,675 [IMAGE AVAILABLE]

L1: 19 of 36

TITLE:

Spreadsheet program which implements alternative range
references

DETDESC:

DETD(231)

Object Manager 48 has three top level data components, and three ****distinct**** sets of ****API****. The data components are:

US PAT NO:

5,360,239 [IMAGE AVAILABLE]

L1: 20 of 36

TITLE:

Threaded tubular connection

SUMMARY:

BSUM(16)

Fortunately, in the diameter range of 16 to 20 inches, there are now

about 300 ****different**** forms of ****API**** Line Pipe products. They include unique combinations of size, weight and grade, have specifications documented in the form of industry. . .

US PAT NO:

5,329,619 [IMAGE AVAILABLE]

L1: 21 of 36

TITLE:

~~Cooperative processing interface and communication broker~~
for heterogeneous computing environments

ABSTRACT:

An . . . from clients, and clients and servers communicate and exchange information with one another via the broker. The service broker includes ****different**** ****application**** ****programming**** ****interfaces**** for allowing participants to access the functionality of the service broker.

SUMMARY:

BSUM(14)

The . . . from clients, and clients and servers communicate and exchange information with one another via the broker. The service broker includes ****different**** ****application**** ****programming**** ****interfaces**** for allowing participants to access the functionality of the service broker.

US PAT NO:

5,247,616 [IMAGE AVAILABLE]

L1: 22 of 36

TITLE:

Computer system having different communications facilities
and data transfer processes between different computers

DETDESC:

DETD(7)

Considering . . . Corporation of Armonk, N.Y. Protocol machines 64 and 66 establish a high level communications protocol or software bridge between a ****respective**** ****application**** ****program**** ****interface**** (****API****) 60 or 62. In addition, a low level interface 61 or 63, respectively is included to permit a user to. . .

=> d 2,ti,kwic

US PAT NO: 5,572,675 [IMAGE AVAILABLE] ✓
TITLE: Application program interface

L1: 2 of 36

SUMMARY:

BSUM(8)

Accordingly, the object of the invention is to implement an
application **program** **interface** which enables **different** PC
application programs to be adapted to an integrated services digital
network, the application programs being generally independent of the.

=> s 395/500/ccls
L2 1054 395/500/CCLS
=> s l1 and l2
L3 2 L1 AND L2
=> d 1-2 ti,kwic

US PAT NO: 5,535,375 [IMAGE AVAILABLE] X L3: 1 of 2
TITLE: File manager for files shared by heterogeneous clients
US-CL-CURRENT: **395/500**; 364/240.8, 940.81, DIG.1, DIG.2

DETDESC:

DETD(51)

According . . . The data format for the common API is described
above. The command formats for the major commands of the common **API**
followed by the **respective** return formats are as follows:

US PAT NO: 5,491,813 [IMAGE AVAILABLE] L3: 2 of 2
TITLE: Display subsystem architecture for binding device
independent drivers together into a bound driver for
controlling a particular display device
US-CL-CURRENT: **395/500**; 162

DETDESC:

DETD(3)

Applications 51, 52, 53 all utilize specific independent graphics
drawing routine packages 56, 57, 58 (graphics packages, or packages)
which embody **different** graphical models. The **application**
programming **interfaces** of these packages (APIs) implement their
respective graphics models by calls to the Graphics Adapter Interface
(GAI) 60, which incorporates. . .

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=> d 1-36 ti

US PAT NO:	5,574,904 [IMAGE AVAILABLE]	L1: 1 of 36
TITLE:	Database management system in an intelligent network using a common request data format	
US PAT NO:	5,572,675 [IMAGE AVAILABLE]	L1: 2 of 36
TITLE:	Application program interface	
US PAT NO:	5,566,337 [IMAGE AVAILABLE]	L1: 3 of 36
TITLE:	Method and apparatus for distributing events in an operating system	
US PAT NO:	5,553,235 [IMAGE AVAILABLE]	L1: 4 of 36
TITLE:	System and method for maintaining performance data in a data processing system	
US PAT NO:	5,537,466 [IMAGE AVAILABLE]	L1: 5 of 36
TITLE:	Intelligent communications networks	
US PAT NO:	5,535,375 [IMAGE AVAILABLE]	L1: 6 of 36
TITLE:	File manager for files shared by heterogeneous clients	
US PAT NO:	5,530,742 [IMAGE AVAILABLE]	L1: 7 of 36
TITLE:	Intelligent communications networks	
US PAT NO:	5,515,492 [IMAGE AVAILABLE]	L1: 8 of 36
TITLE:	User interface between a server and workstations of a transactional processing system	
US PAT NO:	5,506,955 [IMAGE AVAILABLE]	L1: 9 of 36
TITLE:	System and method for monitoring and optimizing performance in a data processing system	
US PAT NO:	5,491,813 [IMAGE AVAILABLE]	L1: 10 of 36
TITLE:	Display subsystem architecture for binding device independent drivers together into a bound driver for controlling a particular display device	
US PAT NO:	5,491,693 [IMAGE AVAILABLE]	L1: 11 of 36
TITLE:	General transport layer gateway for heterogeneous networks	
US PAT NO:	5,483,468 [IMAGE AVAILABLE]	L1: 12 of 36
TITLE:	System and method for concurrent recording and displaying of system performance data	
US PAT NO:	5,441,523 [IMAGE AVAILABLE]	L1: 13 of 36
TITLE:	Forced atrioventricular synchrony dual chamber pacemaker	
US PAT NO:	5,432,932 [IMAGE AVAILABLE]	L1: 14 of 36
TITLE:	System and method for dynamically controlling remote processes from a performance monitor	
US PAT NO:	5,430,836 [IMAGE AVAILABLE]	L1: 15 of 36
TITLE:	Application control module for common user access interface	
US PAT NO:	5,425,028 [IMAGE AVAILABLE]	L1: 16 of 36

TITLE:	Protocol selection and address resolution for programs running in heterogeneous networks	
US PAT NO:	5,424,959 [IMAGE AVAILABLE]	L1: 17 of 36
TITLE:	Interpretation of fluorescence fingerprints of crude oils and other hydrocarbon mixtures using neural networks	
US PAT NO:	5,421,013 [IMAGE AVAILABLE]	L1: 18 of 36
TITLE:	Agent-based multithreading application programming interface	
US PAT NO:	5,371,675 [IMAGE AVAILABLE]	L1: 19 of 36
TITLE:	Spreadsheet program which implements alternative range references	
US PAT NO:	5,360,239 [IMAGE AVAILABLE]	L1: 20 of 36
TITLE:	Threaded tubular connection	
US PAT NO:	5,329,619 [IMAGE AVAILABLE]	L1: 21 of 36
TITLE:	Cooperative processing interface and communication broker for heterogeneous computing environments	
US PAT NO:	5,247,616 [IMAGE AVAILABLE]	L1: 22 of 36
TITLE:	Computer system having different communications facilities and data transfer processes between different computers	
US PAT NO:	5,217,076 [IMAGE AVAILABLE]	L1: 23 of 36
TITLE:	Method and apparatus for improved recovery of oil from porous, subsurface deposits (targeted orifices)	
US PAT NO:	5,105,085 [IMAGE AVAILABLE]	L1: 24 of 36
TITLE:	Fluid analysis system	
US PAT NO:	5,049,738 [IMAGE AVAILABLE]	L1: 25 of 36
TITLE:	Laser-enhanced oil correlation system	
US PAT NO:	4,992,183 [IMAGE AVAILABLE]	L1: 26 of 36
TITLE:	Multigrade hydrogenated decene-1 oligomer engine oils	
US PAT NO:	4,987,070 [IMAGE AVAILABLE]	L1: 27 of 36
TITLE:	Use of a 97 amino acid leader sequence from the E. coli B-galactosidase gene for the production of hamp and hptc as fusion proteins	
US PAT NO:	4,956,111 [IMAGE AVAILABLE]	L1: 28 of 36
TITLE:	Methacrylate pour point depressants and compositions	
US PAT NO:	4,920,792 [IMAGE AVAILABLE]	L1: 29 of 36
TITLE:	Method for determining the amount of fluid in a core	
US PAT NO:	4,816,928 [IMAGE AVAILABLE]	L1: 30 of 36
TITLE:	Apparatus for recording reproducing a still image and corresponding audio information in respective tracks on a disk with the audio compressed on segments of a track	
US PAT NO:	4,222,174 [IMAGE AVAILABLE]	L1: 31 of 36
TITLE:	Method and apparatus for gaging and joining pipe	

US PAT NO:	4,127,927 [IMAGE AVAILABLE]	L1: 32 of 36
TITLE:	Method of gaging and joining pipe	
US PAT NO:	4,113,631 [IMAGE AVAILABLE]	L1: 33 of 36
TITLE:	Foaming and silt suspending agent	
US PAT NO:	4,108,782 [IMAGE AVAILABLE]	L1: 34 of 36
TITLE:	Foaming and silt suspending agent	
US PAT NO:	3,856,541 [IMAGE AVAILABLE]	L1: 35 of 36
TITLE:	HYDRAULIC CEMENT AND METHOD OF CEMENTING IN ENVIRONMENTS HAVING ELEVATED TEMPERATURES	
US PAT NO:	3,854,038 [IMAGE AVAILABLE]	L1: 36 of 36
TITLE:	METHOD AND APPARATUS FOR COMPENSATING FLUID FLOW FOR A VARIABLE PHYSICAL CONDITION	

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